

ABSTRACT

PROCESS FOR DISPLAYING DATA ON A MATRIX DISPLAY

The present invention relates to a process for displaying data on a matrix display consisting of N data lines (C_1, C_2, C_3, \dots) and P selection lines ($L_1, L_2, L_3, L_4, \dots$) at the intersections of which are situated the image points or pixels (2).

The N data lines are grouped into P blocks (1) of N' lines (1 to Cg) where $N = P \times N'$, each block (1) receives in parallel one of the 'P' data signals (DB1, ...) which is demultiplexed (DW1, DW2, DW3, ... DW9) on the N' lines of the said block. The scanning of the N' data lines of a block is carried out from 1 to N' or from N' to 1, alternately according to the selection lines.

Application to matrix displays such as LCD screens.

Fig. 1